

Zhi-Hong Guan

List of Publications by Year in descending order

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272
papers

9,152
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44069

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times ranked

4168
citing authors

#	ARTICLE	IF	CITATIONS
1	Controllability of Nonlinear Impulsive and Switching Systems With Input Delay. IEEE Transactions on Automatic Control, 2023, 68, 1184-1191.	5.7	5
2	Observer-Based Dynamic Event-Triggered Semiglobal Bipartite Consensus of Linear Multi-Agent Systems With Input Saturation. IEEE Transactions on Cybernetics, 2023, 53, 3139-3152.	9.5	44
3	Multiagent Meta-Reinforcement Learning for Adaptive Multipath Routing Optimization. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5374-5386.	11.3	16
4	Resilient Delayed Impulsive Control for Consensus of Multiagent Networks Subject to Malicious Agents. IEEE Transactions on Cybernetics, 2022, 52, 7196-7205.	9.5	16
5	Neuroscience and Network Dynamics Toward Brain-Inspired Intelligence. IEEE Transactions on Cybernetics, 2022, 52, 10214-10227.	9.5	7
6	Controllability analysis for a class of piecewise nonlinear impulsive nonautonomous systems. International Journal of Robust and Nonlinear Control, 2022, 32, 567-582.	3.7	6
7	Control-Aware Transmission Scheduling for Industrial Network Systems Over a Shared Communication Medium. IEEE Internet of Things Journal, 2022, 9, 11299-11310.	8.7	2
8	State bounding for time-delay impulsive and switching genetic regulatory networks with exogenous disturbance. Discrete and Continuous Dynamical Systems - Series S, 2022, 15, 1749.	1.1	1
9	Distributed Scheme for Line Overload Mitigation With Linearized AC Power Flow. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2877-2881.	3.0	0
10	Controllability on a class of switched time-varying systems with impulses and multiple time delays. International Journal of Systems Science, 2022, 53, 2261-2280.	5.5	2
11	Input-to-state stability for switched stochastic nonlinear systems with mode-dependent random impulses. Information Sciences, 2022, 596, 588-607.	6.9	7
12	Adaptive Event-Triggered Transmission Scheduling in Rate-Limited Multiloop Remote Control. IEEE Transactions on Industrial Informatics, 2022, 18, 6962-6972.	11.3	4
13	Consensus Tracking Control of Uncertain Multiagent Systems With Sampled Data and Time-Varying Delay. IEEE Transactions on Cybernetics, 2021, 51, 5681-5691.	9.5	16
14	An Efficient Hybrid Control Strategy for Restraining Rumor Spreading. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6779-6791.	9.3	34
15	Hybrid Neural Adaptive Control for Practical Tracking of Markovian Switching Networks. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2157-2168.	11.3	4
16	Adaptive Tracking Control of Cooperative Robot Manipulators With Markovian Switched Couplings. IEEE Transactions on Industrial Electronics, 2021, 68, 2427-2436.	7.9	45
17	Observer-Based Bipartite Containment Control for Singular Multi-Agent Systems Over Signed Digraphs. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 444-457.	5.4	23
18	Collective Behaviors of Discrete-Time Multi-Agent Systems Over Signed Digraphs. IEEE Transactions on Network Science and Engineering, 2021, 8, 3099-3112.	6.4	5

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19	Semi-global bipartite consensus tracking of singular multi-agent systems with input saturation. <i>Neurocomputing</i> , 2021, 432, 183-193.	5.9	12
20	Resilient Consensus of Multi-Agent Systems With Switching Topologies: A Trusted-Region-Based Sliding-Window Weighted Approach. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021, 68, 2448-2452.	3.0	11
21	Bipartite Average Tracking for Multi-Agent Systems With Disturbances: Finite-Time and Fixed-Time Convergence. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021, 68, 4393-4402.	5.4	49
22	Complete Controllability of Piecewise Time-Varying Impulsive Systems with Multiple Input Delays. , 2021, , .		0
23	Probabilistic Reward-Based Reinforcement Learning for Multi-Agent Pursuit and Evasion. , 2021, , .		0
24	Sampled-Data State Estimation for Complex Networks With Partial Measurements. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 4787-4795.	9.3	5
25	Distributed Control of Nonlinear Multiagent Systems With Unknown and Nonidentical Control Directions via Event-Triggered Communication. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 1820-1832.	9.5	175
26	Event-Triggered Adaptive Output Regulation for a Class of Nonlinear Systems With Unknown Control Direction. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 3181-3188.	9.3	20
27	Delayed Impulsive Control for Consensus of Multiagent Systems With Switching Communication Graphs. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 3045-3055.	9.5	93
28	Controllability analysis of complex-valued impulsive systems with time-varying delays. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2020, 83, 105070.	3.3	7
29	Distributed coordination of multi-agent systems for neutralizing unknown threats based on a mixed coverage-tracking metric. <i>Journal of the Franklin Institute</i> , 2020, 357, 12700-12723.	3.4	5
30	Stability Analysis and Bifurcation Control of a Delayed Incommensurate Fractional-Order Gene Regulatory Network. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020, 30, 2050089.	1.7	16
31	Data-driven based optimal distributed frequency control for islanded AC microgrids. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 119, 105904.	5.5	17
32	Set-Membership filtering with incomplete observations. <i>Information Sciences</i> , 2020, 517, 37-51.	6.9	14
33	Bipartite Containment Control of Singular Multi-Agent Systems over Signed Digraphs. , 2020, , .		0
34	Consensus Problems Over Cooperation-Competition Random Switching Networks With Noisy Channels. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019, 30, 35-43.	11.3	18
35	Impulsive Consensus Control for General Second-Order Multi-agent Systems. , 2019, , .		0
36	Spreading dynamics of SVFR online fraud information model on heterogeneous networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 534, 122026.	2.6	3

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37	Stability and bifurcation of delay-coupled genetic regulatory networks with hub structure. Journal of the Franklin Institute, 2019, 356, 2847-2869.	3.4	35
38	Introduction to Hybrid Intelligent Networks. , 2019, , .		18
39	Containment control of multi-agent systems via a disturbance observer-based approach. Journal of the Franklin Institute, 2019, 356, 2919-2933.	3.4	40
40	Distributed output consensus of heterogeneous multi-agent systems via an output regulation approach. Neurocomputing, 2019, 360, 131-137.	5.9	47
41	Coordination of nonholonomic mobile robots for diffusive threat defense. Journal of the Franklin Institute, 2019, 356, 4690-4715.	3.4	6
42	Chaotifying Stable Linear Complex Networks via Single Pinning Impulsive Strategy. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950024.	1.7	8
43	Multistability of Delayed Hybrid Impulsive Neural Networks. , 2019, , 93-126.		1
44	Hybrid Memristor-Based Impulsive Neural Networks. , 2019, , 155-193.		1
45	Impulsive Neural Networks Towards Image Protection. , 2019, , 127-153.		0
46	Hybrid Intelligent Networks. , 2019, , 1-26.		1
47	Distributed event-driven control for finite-time consensus. Automatica, 2019, 103, 88-95.	5.0	80
48	Controllability and observability of networked singular systems. IET Control Theory and Applications, 2019, 13, 763-771.	2.1	7
49	Formation Tracking of Heterogeneous UGV-UAV Systems with Switching Directed Topologies. , 2019, , .		6
50	Multi-Agent Cooperative-Competitive Environment with Reinforcement Learning. , 2019, , .		3
51	Distributed optimal active power dispatch with energy storage units and power flow limits in smart grids. International Journal of Electrical Power and Energy Systems, 2019, 105, 420-428.	5.5	20
52	A Distributed Hybrid Event-Time-Driven Scheme for Optimization Over Sensor Networks. IEEE Transactions on Industrial Electronics, 2019, 66, 7199-7208.	7.9	13
53	Multistability of Delayed Hybrid Impulsive Neural Networks With Application to Associative Memories. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1537-1551.	11.3	66
54	Exponential Consensus Analysis for Multiagent Networks Based on Time-Delay Impulsive Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1073-1080.	9.3	30

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55	Hybrid Communication and Control in Multi-Agent Networks. , 2019, , 219-243.		0
56	Intelligent Impulsive Synchronization of Nonlinear Interconnected Neural Networks for Image Protection. IEEE Transactions on Industrial Informatics, 2018, 14, 3775-3787.	11.3	37
57	Multisynchronization of Interconnected Memristor-Based Impulsive Neural Networks With Fuzzy Hybrid Control. IEEE Transactions on Fuzzy Systems, 2018, 26, 3069-3084.	9.8	25
58	Attitude synchronization flocking of multiple 3-dimensional nonholonomic agents without position measurement. International Journal of Robust and Nonlinear Control, 2018, 28, 2369-2382.	3.7	7
59	Dynamic Analysis of Genetic Regulatory Networks with Delays. Emergence, Complexity and Computation, 2018, , 285-309.	0.3	2
60	Robust multi-tracking of heterogeneous multi-agent systems with uncertain nonlinearities and disturbances. Journal of the Franklin Institute, 2018, 355, 3677-3690.	3.4	5
61	Multisynchronization of Coupled Heterogeneous Genetic Oscillator Networks via Partial Impulsive Control. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 335-342.	11.3	28
62	Distributed Estimator-Based Fault Detection for Multi-agent Networks. Circuits, Systems, and Signal Processing, 2018, 37, 98-111.	2.0	9
63	Dynamic Analysis of Hybrid Impulsive Delayed Neural Networks With Uncertainties. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4370-4384.	11.3	19
64	Performance analysis of networked control systems over AWGN fading channels. Neurocomputing, 2018, 275, 1946-1953.	5.9	14
65	Finite-time topology identification of complex spatio-temporal networks with time delay. Nonlinear Dynamics, 2018, 91, 785-795.	5.2	10
66	Energy Efficient Transport Protocol for Mitigating Congestion in Complex Networks. , 2018, , .		0
67	Stability of Hybrid Impulsive and Switching Stochastic Systems with Time-delay. International Journal of Control, Automation and Systems, 2018, 16, 1532-1540.	2.7	7
68	Distributed coordination of multiple mobile actuators for pollution neutralization. Neurocomputing, 2018, 316, 10-19.	5.9	7
69	Stability Analysis of Genetic Regulatory Networks with Dual Regulation Strategies. , 2018, , .		0
70	Pulse-Modulated Intermittent Control in Consensus of Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 783-793.	9.3	193
71	Distributed Three-dimensional Formation Containment Control of Multiple Unmanned Aerial Vehicle Systems. Asian Journal of Control, 2017, 19, 1103-1113.	3.0	57
72	Performance limitations of networked control systems with quantization and packet dropouts. ISA Transactions, 2017, 67, 98-106.	5.7	14

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73	Flocking of multi-agent nonholonomic systems with unknown leader dynamics and relative measurements. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 3685-3702.	3.7	32
74	Topology identification of a class of complex spatio-temporal networks with time delay. <i>IET Control Theory and Applications</i> , 2017, 11, 611-618.	2.1	4
75	Flocking of multiple three-dimensional nonholonomic agents with proximity graph. <i>Journal of the Franklin Institute</i> , 2017, 354, 3617-3633.	3.4	14
76	Fundamental performance limitations of networked control systems with novel trade-off factors and constraint channels. <i>Journal of the Franklin Institute</i> , 2017, 354, 3120-3133.	3.4	26
77	Event-based cluster synchronization of coupled genetic regulatory networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 482, 649-665.	2.6	30
78	Multi-formation control of nonlinear leader-following multi-agent systems. <i>ISA Transactions</i> , 2017, 69, 140-147.	5.7	101
79	Multistability and Bifurcation Analysis of Inhibitory Coupled Cyclic Genetic Regulatory Networks With Delays. <i>IEEE Transactions on Nanobioscience</i> , 2017, 16, 216-225.	3.3	30
80	Stability and Hopf bifurcation of fractional genetic regulatory networks with diffusion 1 This work was partially supported by the National Natural Science Foundation of China under Grants 61473128, 61672245, 61472374, 61503129 and 61572208.. <i>IFAC-PapersOnLine</i> , 2017, 50, 10443-10448.	0.9	6
81	Dissipative consensus problems for multi-agent networks via sliding mode control. <i>Journal of the Franklin Institute</i> , 2017, 354, 6282-6291.	3.4	19
82	Distributed finite-time formation tracking control of multi-agent systems via FTSMC approach. <i>IET Control Theory and Applications</i> , 2017, 11, 2585-2590.	2.1	38
83	Spreading dynamics of an e-commerce preferential information model on scale-free networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 467, 192-200.	2.6	17
84	Bifurcations and chaos of a discrete-time model in genetic regulatory networks. <i>Nonlinear Dynamics</i> , 2017, 87, 567-586.	5.2	22
85	Distributed Coordination of Wheeled Mobile Robots for Unknown Moving Targets Interception. , 2017, , .		1
86	Dynamic Analysis of Quorum-sensing Genetic Oscillators with the Influence of External Medium 1 This work was partially supported by the National Natural Science Foundation of China under Grants 61633011, 61503282, 61672245, 61472374 and 61672112.. <i>IFAC-PapersOnLine</i> , 2017, 50, 12131-12136.	0.9	0
87	Proxy-based sliding mode stabilization of a class of second-order nonlinear system. , 2017, , .		1
88	Cluster Synchronization of Coupled Genetic Regulatory Networks With Delays via Aperiodically Adaptive Intermittent Control. <i>IEEE Transactions on Nanobioscience</i> , 2017, 16, 585-599.	3.3	53
89	Performance limitations for networked control systems with plant uncertainty. <i>International Journal of Systems Science</i> , 2016, 47, 1358-1365.	5.5	5
90	Optimal Tracking Performance of MIMO Discrete-Time Systems with Network Parameters. <i>Discrete Dynamics in Nature and Society</i> , 2016, 2016, 1-7.	0.9	2

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91	Three-dimensional containment control for multiple unmanned aerial vehicles. Journal of the Franklin Institute, 2016, 353, 2929-2942.	3.4	49
92	Pulse-modulated intermittent control for consensus of multi-agent systems with switching topology. , 2016, , .		1
93	Multi-consensus of multi-agent systems with various intelligences using switched impulsive protocols. Information Sciences, 2016, 349-350, 188-198.	6.9	24
94	Distributed containment control of fractional-order uncertain multi-agent systems. Journal of the Franklin Institute, 2016, 353, 1672-1688.	3.4	55
95	Time-varying formation tracking of multiple manipulators via distributed finite-time control. Neurocomputing, 2016, 202, 20-26.	5.9	64
96	Quantized stabilization of wireless networked control systems with packet losses. ISA Transactions, 2016, 64, 92-97.	5.7	31
97	Distributed controller-estimator for target tracking of networked robotic systems under sampled interaction. Automatica, 2016, 69, 410-417.	5.0	93
98	An epidemic spreading model on adaptive scale-free networks with feedback mechanism. Physica A: Statistical Mechanics and Its Applications, 2016, 450, 649-656.	2.6	43
99	Multi-tracking of second-order multi-agent systems using impulsive control. Nonlinear Dynamics, 2016, 84, 1771-1781.	5.2	34
100	Event-driven multi-consensus of multi-agent networks with repulsive links. Information Sciences, 2016, 373, 110-123.	6.9	14
101	Reactive power compensation in microgrids via distributed control strategy. , 2016, , .		4
102	Bounded synchronization of coupled Kuramoto oscillators with phase lags via distributed impulsive control. Neurocomputing, 2016, 218, 216-222.	5.9	17
103	Indoor 3D scene reconstruction for mobile robots using Microsoft kinect sensor. , 2016, , .		6
104	Optimal tracking performance of control systems with two-channel constraints. Information Sciences, 2016, 374, 85-99.	6.9	18
105	Fault-tolerant consensus of leader-follower multi-agent systems. , 2016, , .		1
106	The minimal signal-to-noise ratio required for stability of control systems over a noisy channel in the presence of packet dropouts. Information Sciences, 2016, 372, 579-590.	6.9	20
107	Multi-robot flocking of networked non-holonomic mobile robots with proximity graphs. IET Control Theory and Applications, 2016, 10, 2093-2099.	2.1	20
108	Multi-coordination of coupled nonidentical agents with partial impulsive control and application to human-robot interactions. , 2016, , .		1

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109	Task-space coordinated tracking of multiple heterogeneous manipulators via controller-estimator approaches. <i>Journal of the Franklin Institute</i> , 2016, 353, 3722-3738.	3.4	19
110	Tracking Performance Bound with Finite Control Energy and Erasure Channel Energy Constraint. <i>Asian Journal of Control</i> , 2016, 18, 1119-1129.	3.0	4
111	Probabilistic analysis of cascade failure dynamics in complex network. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 461, 299-309.	2.6	19
112	On consensus performance of nonlinear multi-agent systems with hybrid control. <i>Journal of the Franklin Institute</i> , 2016, 353, 3133-3150.	3.4	14
113	Consensus analysis of directed multi-agent networks with singular configurations. <i>Neurocomputing</i> , 2016, 214, 358-367.	5.9	6
114	Wide-area multiple line-outages detection in power complex networks. <i>International Journal of Electrical Power and Energy Systems</i> , 2016, 79, 132-141.	5.5	21
115	Leader-follower flocking based on distributed event-triggered hybrid control. <i>International Journal of Robust and Nonlinear Control</i> , 2016, 26, 143-153.	3.7	52
116	Performance Limitation of Networked Systems with Network-Induced Delay and Packet-Dropout Constraints. <i>Asian Journal of Control</i> , 2015, 17, 2452-2459.	3.0	5
117	Multi-Tracking of First Order Multi-Agent Networks Via Self-Triggered Control. <i>Asian Journal of Control</i> , 2015, 17, 1320-1329.	3.0	8
118	Multi-Consensus of Nonlinearly Networked Multi-Agent Systems. <i>Asian Journal of Control</i> , 2015, 17, 157-164.	3.0	27
119	Optimal tracking performance for non-square plant models with input disturbance and feedback channel noise. <i>Journal of the Franklin Institute</i> , 2015, 352, 2971-2984.	3.4	9
120	Impulsive Multiconsensus of Second-Order Multiagent Networks Using Sampled Position Data. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015, 26, 2678-2688.	11.3	62
121	A distributed event-triggered transmission strategy for exponential consensus of general linear multi-agent systems with directed topology. <i>Journal of the Franklin Institute</i> , 2015, 352, 5866-5881.	3.4	38
122	Multi-consensus of multi-agent networks via a rectangular impulsive approach. <i>Systems and Control Letters</i> , 2015, 76, 28-34.	2.3	39
123	Best achievable tracking performance for networked control systems with encoder-decoder. <i>Information Sciences</i> , 2015, 305, 184-195.	6.9	27
124	Multiconsensus of fractional-order uncertain multi-agent systems. <i>Neurocomputing</i> , 2015, 168, 698-705.	5.9	21
125	Disturbance attenuation over a first-order moving average Gaussian noise channel. <i>International Journal of Systems Science</i> , 2015, 46, 2865-2872.	5.5	0
126	Multi-consensus for second-order multi-agent systems based on sampled position information. <i>IET Control Theory and Applications</i> , 2015, 9, 358-366.	2.1	14

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127	Hybrid coordination of multi-agent networks with hierarchical leaders. Communications in Nonlinear Science and Numerical Simulation, 2015, 27, 110-119.	3.3	7
128	Stability and Bifurcation Analysis of Cyclic Genetic Regulatory Networks with Mixed Time Delays. SIAM Journal on Applied Dynamical Systems, 2015, 14, 202-220.	1.6	40
129	Hybrid subgroup coordination of multi-agent systems via nonidentical information exchange. Neurocomputing, 2015, 168, 646-654.	5.9	6
130	Consensus-based distributed optimisation of multi-agent networks via a two level subgradient-proximal algorithm. International Journal of Systems Science, 2015, 46, 1307-1318.	5.5	1
131	Optimal tracking performance of MIMO control systems with communication constraints and a code scheme. International Journal of Systems Science, 2015, 46, 464-473.	5.5	6
132	Event-triggered control for networked control systems with quantization and packet losses. Journal of the Franklin Institute, 2015, 352, 974-986.	3.4	84
133	Neimark's Sacker bifurcation analysis on a numerical discretization of Gause-type predator-prey model with delay. Journal of the Franklin Institute, 2015, 352, 1-15.	3.4	19
134	Optimal performance of networked control systems over limited communication channels. Transactions of the Institute of Measurement and Control, 2014, 36, 637-643.	1.7	3
135	Transient stability and voltage regulation in wide area power grid using switching controller. , 2014, , .		0
136	Multiconsensus of Second-Order Multiagent Systems with Input Delays. Mathematical Problems in Engineering, 2014, 2014, 1-14.	1.1	4
137	Multi-tracking of second order discrete-time multi-agent networks with aperiodic communication. , 2014, , .		0
138	Best Tracking Performance of Networked Control Systems Based on Communication Constraints. Asian Journal of Control, 2014, 16, 1155-1163.	3.0	24
139	A new chaotic system with pulse-excitation. , 2014, , .		0
140	Second-order consensus of discrete-time multi-agent systems via one-step delayed data. , 2014, , .		2
141	Optimal tracking performance of MIMO networked control systems with communication constraints. , 2014, , .		2
142	Stability and bifurcation of genetic regulatory networks with delays. , 2014, , .		2
143	Analysis of a new three-dimensional system with multiple chaotic attractors. Nonlinear Dynamics, 2014, 75, 331-343.	5.2	37
144	Fractional-order consensus of multi-agent systems with event-triggered control. , 2014, , .		13

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145	Distributed tracking control of second-order multi-agent systems with sampled data. <i>Journal of the Franklin Institute</i> , 2014, 351, 4786-4801.	3.4	16
146	Guaranteed performance consensus in second-order multi-agent systems with hybrid impulsive control. <i>Automatica</i> , 2014, 50, 2415-2418.	5.0	132
147	Stability and bifurcation analysis of new coupled repressilators in genetic regulatory networks with delays. <i>Neural Networks</i> , 2014, 60, 222-231.	5.9	39
148	Performance limitations in the tracking and regulation problem for discrete-time systems. <i>ISA Transactions</i> , 2014, 53, 251-257.	5.7	24
149	Impulsive containment control for second-order networked multi-agent systems with sampled information. <i>Nonlinear Analysis: Hybrid Systems</i> , 2014, 12, 93-103.	3.5	17
150	Spreading dynamics of a SIQRS epidemic model on scale-free networks. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2014, 19, 686-692.	3.3	88
151	Modified tracking performance limitations of unstable linear SIMO feedback control systems. <i>Automatica</i> , 2014, 50, 262-267.	5.0	27
152	Consensus of second-order multi-agent systems via impulsive control using sampled hetero-information. <i>Automatica</i> , 2013, 49, 2881-2886.	5.0	48
153	Optimal performance of discrete-time control systems based on network-induced delay. <i>European Journal of Control</i> , 2013, 19, 37-41.	2.6	10
154	Multiconsensus of second order multiagent systems with directed topologies. <i>International Journal of Control, Automation and Systems</i> , 2013, 11, 1122-1127.	2.7	18
155	A new chaotic Hopfield neural network and its synthesis via parameter switchings. <i>Neurocomputing</i> , 2013, 117, 33-39.	5.9	20
156	Optimal tracking performance with model uncertainty over a quantized control input. , 2013, , .		1
157	Mean square average-consensus for multi-agent systems with measurement noise and time delay. <i>International Journal of Systems Science</i> , 2013, 44, 995-1005.	5.5	36
158	Bifurcation and chaotic behavior of a discrete-time Ricardoâ€™Malthus model. <i>Nonlinear Dynamics</i> , 2013, 71, 437-446.	5.2	22
159	Passivity-based control of hybrid impulsive and switching systems with singular structure. <i>Journal of the Franklin Institute</i> , 2013, 350, 1500-1512.	3.4	17
160	Optimal tracking performance and design of networked control systems with packet dropouts. <i>Journal of the Franklin Institute</i> , 2013, 350, 3205-3216.	3.4	92
161	Optimal Tracking Performance Limitation of Networked Control Systems With Limited Bandwidth and Additive Colored White Gaussian Noise. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2013, 60, 189-198.	5.4	48
162	A stochastic SIR epidemic on scale-free network with community structure. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 974-981.	2.6	31

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163	Energy-Aware Routing in Wireless Sensor Networks Using Local Betweenness Centrality. International Journal of Distributed Sensor Networks, 2013, 9, 307038.	2.2	23
164	Optimal tracking over noisy channels in the presence of data dropouts. IET Control Theory and Applications, 2013, 7, 1634-1641.	2.1	21
165	Consensus and performance optimisation of multi-agent systems with position-only information via impulsive control. IET Control Theory and Applications, 2013, 7, 16-24.	2.1	30
166	Distributed Impulsive Consensus of the Multiagent System without Velocity Measurement. Abstract and Applied Analysis, 2013, 2013, 1-8.	0.7	3
167	Stability and Neimark-Sacker bifurcation analysis of a food-limited population model with a time delay. Chinese Physics B, 2013, 22, 030204.	1.4	1
168	Impulsive Consensus for Leader-Following Multiagent Systems with Fixed and Switching Topology. Mathematical Problems in Engineering, 2013, 2013, 1-10.	1.1	3
169	Finite-time consensus for leader-following second-order multi-agent system. International Journal of Systems Science, 2013, 44, 727-738.	5.5	52
170	GENERATION OF MULTI-WING CHAOTIC ATTRACTORS FROM A LORENZ-LIKE SYSTEM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1350152.	1.7	30
171	CHAOS GENERATION FOR A CLASS OF NONLINEAR COMPLEX NETWORKS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1350018.	1.7	2
172	Chaotification of complex networks with impulsive control. Chaos, 2012, 22, 023137.	2.5	20
173	Impulsive control of epidemic spreading with nonlinear incidence rates on complex networks. , 2012, , .		0
174	Stability analysis and control of bifurcation in a TCP fluid flow model of Wireless Networks. , 2012, , .		2
175	Optimal Performance in Tracking Stochastic Signal Under Disturbance Rejection. Asian Journal of Control, 2012, 14, 1608-1616.	3.0	13
176	Stabilization of wireless networked control systems with packet loss and impulse disturbance. , 2012, , .		4
177	Tracking performance under additive Gaussian Noise and control energy constraint for networked control systems. , 2012, , .		1
178	Consensus of Multi-Agent Networks With Aperiodic Sampled Communication Via Impulsive Algorithms Using Position-Only Measurements. IEEE Transactions on Automatic Control, 2012, 57, 2639-2643.	5.7	217
179	Joint Smith predictor and neural network estimation scheme for compensating randomly varying time-delay in networked control system. , 2012, , .		5
180	Impulsive consensus algorithms for second-order multi-agent networks with sampled information. Automatica, 2012, 48, 1397-1404.	5.0	223

#	ARTICLE	IF	CITATIONS
181	Finite-Time Consensus for Leader-Following Second-Order Multi-Agent Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2012, 59, 2646-2654.	5.4	173
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